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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/533,813

05/02/2005

Georg Bachmaier

S4-02P13029

4290

24131 7590 09/16/2009  
LERNER GREENBERG STEMER LLP  
P O BOX 2480  
HOLLYWOOD, FL 33022-2480

EXAMINER

GORDON, BRYAN P

ART UNIT

PAPER NUMBER

2837

MAIL DATE

DELIVERY MODE

09/16/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Werner Stermer on 09/09/2009.

The application has been amended as follows: The second claim 21 is amended to be claim 22.

***Allowable Subject Matter***

2. The following is an examiner's statement of reasons for allowance:

3. Claims 11-22 are allowed. Considering claim 11, the prior art does not teach a method for operating an injection valve the method which comprises: biasing the actuator with a bias voltage having polarity opposing a preferred polarity of the actuator, to thereby cause a preliminary contraction of the actuator and a corresponding increase in a height of the hydraulic bearing.

4. Considering claim 22, the prior art does not teach a method for operating an injection valve the method which comprises biasing the actuator with a bias voltage having a sign opposite a sign of the drive voltage to thereby contract the actuator and to increase a height of the hydraulic bearing, the bias voltage having a value below a voltage causing a change in a polarity of the actuator.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRYAN P. GORDON whose telephone number is (571)272-5394. The examiner can normally be reached on Monday-Thursday 8:00-5:30, Friday 7:30-4:00.

7. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Walter Benson can be reached on 571-272-2227. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Walter Benson/  
Supervisory Patent Examiner, Art Unit 2837

/Bryan P Gordon/  
Examiner, Art Unit 2834